

2002 –2012 Occupational Projections

Occupational Title	Minimum Education Requirements	** Total Annual Openings	***1 st Qtr. 2005
			Hourly Wage Range
Choreographers	Work Exp. in a related occ.	20	\$ 7.94 - 16.16
Printing Machine Operators	Mod.-term Tng. & Exp.	30	\$ 9.57 - 15.12
Photographers	Long-term Tng. & Exp.	40	\$ 6.48 - 11.56
Musicians and Singers	Long-term Tng. & Exp.	40	9.33 - 19.80
Audio and Video Equipment Technicians	Long-term Tng. & Exp.	20	9.76 - 13.62
Telecommunications Line Installers and Repairers	Long-term Tng. & Exp.	100	11.14 - 17.21
Graphic Designers	Bachelor's degree	40	\$ 11.45 - 18.34
Writers and Authors	Bachelor's degree	20	14.53 - 22.69
Editors	Bachelor's degree	30	15.08 - 26.68
Multi-Media Artists and Animators	Bachelor's degree	20	15.31 - 20.37
Commercial and Industrial Designers	Bachelor's degree	30	20.51 - 34.13
Producers and Directors	Wk Exp.+ Bachelor's or higher degree	20	\$ 25,453 - 46,346

**Total Annual Openings = New job growth plus replacement needs due to turnover.
***Occupations typically working less than 2,080 hours per year will be displayed in an annual salary range.

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Occupations in the Spotlight



Telecommunications Line Installers and Repairers



String and repair telephone and television cable, including fiber optics and other equipment, for transmitting messages or television programming.

- ◆ Knowledge of transmission, broadcasting, switching, control, and operation of telecommunications systems
- ◆ Knowledge of circuit boards, processors, chips, electronic equipment, and computer hardware and software, including applications and programming

Required WorkKeys® Scores:

AM 4 LI 5 RI 4

Graphic Designers



Create designs, concepts, and sample layouts based on knowledge of layout principles and esthetic design concepts through the use of rough sketches, illustrations and computer software and artwork.

- ◆ Knowledge of design theory, techniques, tools, and principles involved in production of visual media and arts
- ◆ Use computer software to generate new images
- ◆ Knowledge of media production, communication, and dissemination techniques and methods

Required WorkKeys® Scores:

AM 5 LI 4 RI 5

AM = Applied Mathematics
LI = Locating Information
RI = Reading for Information

WorkKeys® assessments give students and workers reliable, relevant information about workplace skill levels. Combined with information about skill levels required for jobs, assessments information can help students make better career and educational decisions. Louisiana uses three WorkKeys® assessments as the foundation for awarding career readiness certificates. For more information, contact the Workforce Education and Training Office at the Louisiana Board of Regents (225-342-4253).

LOUISIANA Opportunities in



This cluster offers two different avenues of concentration. Careers in the performing arts, or certain aspects of journalism, broadcasting and film require courses and activities that challenge students’ creative talents. Careers in audio-video communications technology, telecommunications, or printing technology require strong backgrounds in computer and electronic-based technology and a solid foundation in math and science.

FASTEST GROWING JOBS

- 👤 Musicians and Singers
- 👤 Telecommunications Line Installers and Repairers
- 👤 Audio and Video Equipment Technicians
- 👤 Graphic Designers
- 👤 Multi-Media Artists and Animators

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"This document was produced as a collaborative endeavor between the Louisiana Departments of Labor, Education and the Board of Regents".

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Reference Center:

Louisiana Department of Labor -
<http://www.LAWWORKS.net>

Occupational Information – go to Career Services
<http://lavos.laworks.net>

Louisiana Employment Outlook -
http://www.laworks.net/qm_employmentprojections.asp

Louisiana Technical Colleges -
<http://www.ltc.edu/home.htm>

Financial Aid
<http://www.osfa.state.la.us/>

Louisiana Board of Regents-
<http://www.regents.state.la.us>

Louisiana Community & Technical College System
<http://www.lctcs.net/>

ACT
<http://www.act.org>

National Career Clusters
<http://www.careerclusters.org>



This brochure is designed to provide assistance to students as they prepare to make decisions about course selection, their career options and future plans.

The Career Options Law (Act 1124) mandates that all high school students have a five-year educational plan and that all high schools offer career majors/areas of concentrations. It is the intent of the law that students have a focus while in school to help make learning more relevant and meaningful.

Students in 6th – 8th grades must complete at least six career awareness activities which help students to develop a five-year educational plan. It also requires school systems to offer areas of concentrations to address students' interests.

The Five-Year Educational Plan

Students must complete this plan at the end of their 8th grade year with input from their counselor and/or advisor and family. This plan must be reviewed and revised on an annual basis throughout high school with student, parent and counselor/advisor signatures each year.

Arts, A/V Technology and Communications Cluster High School Areas of Concentrations (2006 – 2007)

Diploma Endorsements will help provide for students the preparation necessary for college and/or a career. By the same token employers will be getting better prepared workers, and higher education institutions will have students better prepared for success in their post secondary institutions. These endorsements help students to maximize their 11th and 12th grades, encourage more students to take Advanced Placement courses, encourage students to take advantage of career and technical education courses and opportunities, as well as hold high schools accountable for what is taught during the 11th and 12th grades. Students can complete the necessary requirements for two different diploma endorsements:

- Academic Endorsement
- Career and Technical Endorsement

Please see your guidance counselor for further details.

The Louisiana WORKReady! Certificate is a portable credential that signifies to an employer that an individual has achieved acceptable levels in the foundation skills necessary for success in the workplace and gives Louisiana citizens a “key to work”. Issued by the Workforce Commission, the Certificate is a tool that helps employers identify qualified candidates to fill the openings they have in their businesses.

People who attain the Certificate, which will display their workplace readiness skill levels, will have an advantage as they pursue their career goals. The Certificate increases the likelihood that business will receive a well-trained, highly skilled worker and that education will prepare students for available jobs. For more information, contact the Workforce Commission at 225-342-2094 or the Board of Regents at 225-342-4253.

Career Cluster

Arts, A/V Technology & Communications

Areas of Concentrations

Commercial Arts
Graphic Arts
Instrumental Music
Interiors and Furnishings
Journalism
Liberal Arts
Mass Communications
Performing Arts
Photography
Printing Technology
Television Production
Upholstery
Visual Arts

Post Secondary Programs

Two-year postsecondary education
Apprenticeship
Four-year postsecondary education

Training Programs Related

Certification(s):

PrintED

For more information on course selection
visit our web site:

<http://www.doe.state.la.us/lde/curriculum/home.html>

TOP EMPLOYING INDUSTRIES

Industry (based on North American Classification System NAICS)	2002	2012	Number of New Jobs	Percent Change
Newspaper, Periodical, Book, and Directory Publishers	5,197	5,510	313	6.0%
Cable and Other Program Distribution	2,001	2,350	349	17.3%
Cable and Other Subscription Programming	1,052	1,240	188	17.6%